

MYCOFiX

Mycorrhizae are associations between beneficial fungi and root. These fungi penetrate into the root cells without damaging them, but providing a proper root development. After crop inoculation, for every centimeter of the mycorrhizal root, three meters of hyphae emerge around it, enabling the root system to explore areas before unreached. Likewise, the mycorrhiza improves the plants' defense mechanisms against certain pathogens and pests.

Formulation

2000 propagules/gram
99% seaweed extract
+1% glomus intradices inoculum,
8% +/- 2% of them viable spores

Propagules: scientific term that encompasses spores, mycorrhizal root fragments and vegetative hyphae and in this formulation are active and viable for a year.

The mycorrhizal propagules are produced under sterile "in vitro" conditions and used to formulate the final wettable seaweed powder composition.

Seaweed extract: It is an active source of natural phytohormones such as cytokinins, auxins and gibberellins that promote resistance to stress preparing the crop in moments of high energy demand and during phenological-phase shifts increasing the energy of the crop and the cell division stimulation.

Mycorrhizae: promotes greater root growth, improves efficiency in absorbing water and nutrients especially phosphorus, obtaining higher yields (both quantity and quality).

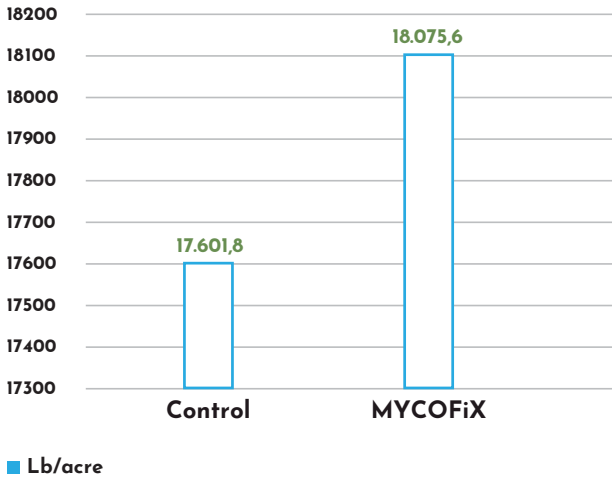
Agronomic Benefits

- 100% soluble, making it easy to use together with other liquid products
- Promotes higher plant vigor and survival after transplanting.
- Stimulates plant growth and survival during stress conditions such as drought, salinity, poor soils, extreme pH, etc.
- Phosphate solubilization
- Strengthens the crops against adverse conditions, caused by pathogenic pests and diseases

Agronomic benefits for corn and sunflower

- Providing a higher rate of seed germination
- Root system formation increase and faster establishment
- Affects cellular expansion (providing longer and wider stems)
- Promoting the flowering, even in low temperatures
- Increasing male flowers (important for corn)
- Avoiding petals falling apart (very common physiology in sunflower)
- Energy support
- Preventing the plant of getting old prematurely, the fall of leaves and fruits and their yellow appearance

Spain trials Results 2017, Corn



Yield increase on sunflower treated with MYCOFiX, [Mycorrhizae, Glomus intraradices] Spain, 2018

